

SLF-1880™



The SLF-1880™ super-lightweight fairway mower by Jacobsen® is the lightest fairway machine on the market. The patented lift-arm mechanism allows its narrow reels to easily glide over undulating terrain leaving more attractive turf. Its extreme versatility also allows for mowing or verticutting more areas with just one machine.

SLF-1880™ equipped with 8-blade cutting units and grooved front roller.



Factory-filled with GreensCare™ Biodegradable Hydraulic Fluid

- **Industry's lightest fairway mower** distributes less than 7 psi (0.47 bar) of ground pressure to the turf. Permits operation on wet or stressed turf sooner in areas where a heavier or higher ground pressure machine may cause damage.
- **Maneuverable and versatile machine** to mow or verticut fairways, approaches, surrounds, greens and sports fields.
- **Narrow and durable 18 in. (45.7 cm) Classic XP™ Reels** deliver true cut quality and follow ground contours without scalping.
- **Patented double-pivot lift arm mechanism** allows flexible cutting unit movement to maintain contact with the turf for a consistent cut even over undulating terrain.
- **Choice of power options**, 24.8 hp (18.6 kW) diesel or 33 hp (24.6 kW) turbocharged diesel engine, available for power with fuel efficiency or extra power.
- **FlashAttach® cutting unit mounting system** reduces maintenance time and no tools are required for removal and installation.

QUICK SPECS

Engine: Kubota® diesel and turbocharged diesel

Cutting Units: Five 5 in. (12.7 cm) diameter x 18 in. (45.7 cm)

Height of Cut: 0.30 - 0.70 in. (7.62 - 17.78 mm)
High-Cut Kit Available

Width of Cut: 82 in. (2.08 m)

Dimensions:

Weight: 1787-1894 lbs. (811-859 kg)
depending on model, with reels down

Length: 94 in. (2.39 m) less catchers

Height: 84.5 in. (2.15 m) with ROPS

Width: 88.5 in. (2.25 m)

AVAILABLE MODELS

SLF-1880 2WD

SLF-1880 4WD

SLF-1880 4WD Turbo

SLF-1880™

SPECIFICATIONS

Engine	
Type	Kubota® D1105E 3-cylinder, liquid cooled, low-emissions certified diesel
Rated Horsepower*	24.8 hp (18.6 kW) @3000 rpm
Displacement	68.5 cu. in. (1.12 L)
Air Cleaner	Donaldson® dry cartridge type with evacuator, valve and service indicator
Cooling System	Pressurized, sealed cooling system
Lubrication	Fully pressurized
Fuel Capacity	12 gal. (45.42 L)
Oil Filter Type	Full-flow, replacement spin-on type
Electrical System	12 V starter (0.8 kW); 40 amp alternator/regulator
Turbocharged Engine Option	
Type	Kubota® D1105TE 3-cylinder, turbocharged liquid cooled, low-emissions certified diesel
Rated Horsepower*	33 hp (24.6 kW) @ 3000 rpm
Speed (Maximum)	
Mowing	6 mph (9.6 km/h)
Transport	2WD: 10.5 mph (16.9 km/h) 4WD: 6 mph (9.6 km/h)
Reverse	4 mph (6.4 km/h)
Traction and Drive	
Traction System	Variable displacement, hydrostatic pump with 2 high-torqued wheel motors; 4-wheel drive available
Reel Drive	Tandem gear pump with 2 solenoid-controlled spool type valves; gear type hydraulic motors mounted on each reel; pressure compensated backlapping standard
Reel Lift	Joystick control, one-touch lift/lower control for all five reels
Hydraulic System	8 gal. (30.28 L) capacity; GreensCare™ biodegradable hydraulic fluid; oil monitor with low-oil audible alarm standard
Hydraulic Cooling	Full-flow 10 micron filter
Tires, Brakes and Steering	
Front Tires	24 x 13-12 tubeless
Rear Tires	18 x 9.50-8 tubeless
Brakes	Dynamic, through-traction system
Parking Brakes	7 in. (17.8 cm) disc on front wheels
Steering	Rear wheel, hydrostatic power steering
Reels and Blades	
Number and Size	Five 5 in. (12.7 cm) diameter x 18 in. (45.7 cm)
Number of Blades	8 & 11 blades
Cutting Frequency	8 blade: 0.067 in./mph (1.03 mm/km/h) 11 blade: 0.049 in./mph (1.24 mm/km/h)
Overall Cutting Width	82 in. (2.08 m)
Height-of-Cut (Depending on turf condition, reel wear and bedknife installed)	0.30-0.70 in. (7.62 - 17.78 mm) Available high-cut kit raises cutting height up to 0.937 (23.8 mm) with high-cut kit, using low-profile, heavy bedknife
Weight and Dimensions	
Weight with Reels Up (full fluids, less operator)	2WD: 2205 lbs. (1000 kg) 4WD: 2280 lbs. (1034 kg) 4WD Turbo: 2369 lbs. (1057 kg)
Weight with Reels Down (full fluids, less operator, weight at tires)	2WD: 1787 lbs. (811 kg) 4WD: 1872 lbs. (849 kg) 4WD Turbo: 1894 lbs. (859 kg)
Ground Pressure	6.9 psi (0.475 bar) operating pressure
Length	94 in. (2.39 m) less catchers
Height	84.5 in. (2.15 m) with ROPS
Width	88.5 in. (2.25 m)

*Engine horsepower is provided by engine manufacturer. Actual operating power output may vary due to conditions of specific use.

NOTE: Specifications, while correct at time of printing, may change without notice.

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Fairway Mowers

PRODUCT CONFIGURATION

EQUIPPED STANDARD

- ✓ ROPS with seat belt
- ✓ Headlights
- ✓ Suspension seat with armrest
- ✓ Backlapping
- ✓ GreensCare biodegradable hydraulic fluid

CUTTING UNITS

- 8 blade reel, 5 in. (12.7 cm) diameter x 18 in. (45.7 cm) FlashAttach®, including solid tube steel rear roller with scraper
- 11 blade reel, 5 in. (12.7 cm) diameter x 18 in. (45.7 cm) FlashAttach®, including solid tube steel rear roller with scraper
- Verticut reel, .75 in. (19 mm) spacing FlashAttach™

ACCESSORIES

- 18 in. (45.7 cm) Front rollers ranging from 2 in. (5.1 cm) to 3 in. (7.6 cm) diameter - solid or hollow tube steel, grooved assembled or machined aluminum or steel
- 15.5 in. (39.4 cm) narrow width solid tube steel rear roller - 2-3/16 in. (5.6 cm) diameter
- Turf Groomer® - 0.5 in. (1.3 cm) spacing
- Powered rear roller cleaning brush and counterweight kits
- Canopy / Sunshade
- Grass Catcher
- High height of cut kit
- Lift yoke set for Verticut cutting units

GENUINE SERVICE PARTS

- Classic XP™ reel cylinders: 8 & 11 blade
- Medium section bedknives
- Low profile bedknives for Tournament applications
- MAGKnife™ medium section and low profile bedknives
- GreensCare™ 68 and GreensCare™ Plus 68 biodegradable fluid
- 500 hour interval maintenance kit

